

Distribution Box M12

Distribution box with M12 slots and master cable/mountable/M23 connection

Passive distribution boxes with M12 slots and fixed installed master cable in a fully sealed housing for a structured wiring of sensors and actuators







Supplementary automation components from Lapp



Mechanical and plant engineering



Assembly time



Space requirement



Power chain



Waterproof

Benefits

Cost efficient and rational wiring of sensors and actuators Instead of numerous individual conductors, one master cable is laid to the control unit Hybrid cable for signal and power transmission

Product features

With fixed master cable, mountable or M23 socket Single or double-occupied sensor/actuator box M12 quick-locking system, optional diagnostic LEDs (PNP) Suitable for drag chains PWIS-free

Last Update (23.04.2024)
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Product Management www.lappkabel.de
You can find the current technical data in the corresponding data sheet.
PN 0456 / 02_03.16



Distribution Box M12

Norm references / Approvals

E-File number: E75770

Product Make-up

Core insulation: PVC
Outer sheath: PUR. black

Technical Data

Classification ETIM 5: ETIM 5.0 Class-ID: EC002585

ETIM 5.0 Class-Description: Passive sensor-actuator interface

Classification ETIM 6: ETIM 6.0 Class-ID: EC002585

ETIM 6.0 Class-Description: Passive sensor-actuator interface

Protection rating: IP65/IP67 (M23 connection)

IP65/IP67/IP69

Ambient temperature (operation): -25°C to +75°C (M23 connection)

-30°C to +90°C

Fixed installation -40°C to +90°C

Flexing -5 °C bis +80 °C

Max. current rating per path: 2 A
Current rating per slot: 4 A

Note

Copper price basis: inclusive of copper. Refer to catalogue appendix T17 for the definition and calculation of copper-related surcharges.

Photographs and graphics are not to scale and do not represent detailed images of the respective products.

Prices are net prices without VAT and surcharges. Sale to business customers only.

Unoccupied slots must be covered with protective caps - ArtNo. 22260606 (M8); 22260605 (M12).

UL certifications can be found in the data sheet.

Distribution Box M12

22260011	Article number	Article designation	Length (m)	Number of slots	Status display	
22280011 AB-B4-M12-4-10,0PUR 10 4 no 22280014 AB-B8-M12-8-5,0PUR 5 8 no 22280015 AB-B8-M12-8-10,0PUR 10 8 no 22280018 AB-B4-M12-4-5,0PUR 5 4 With LEDs 22280019 AB-B4-M12-4-10,0PUR 10 4 With LEDs 22280022 AB-B6-M12-6-5,0PUR 5 6 With LEDs 22280022 AB-B8-M12-8-10,0PUR 10 8 With LEDs 22280023 AB-B8-M12-8-10,0PUR 10 8 With LEDs 222800023 AB-B8-M12-8-C - 4 no 22280005 AB-B8-M12-8-C - 4 mo 22280007 AB-B8-M12-8-C - 4 With LEDs 22280008 AB-B8-M12-8-C - 4 With LEDs 22280009 AB-B8-M12-8-C - 8 Mith LEDs M2280010 AB-B8-M12-8-C - 8 With LEDs 22280012 AB-B4-M						
22260014	22260010	AB-B4-M12-4-5,0PUR	5	4	no	
22260015 AB-88-M12-8-10.0PUR 10 8 no 22260018 AB-84-M12L-4-5,0PUR 5 4 With LEDs 22260019 AB-84-M12L-4-10,0PUR 10 4 With LEDs 22260070 AB-86-M12L-8-5,0PUR 5 6 With LEDs 22260022 AB-88-M12L-8-10,0PUR 10 8 With LEDs 22260023 AB-88-M12L-8-10,0PUR 10 8 With LEDs Fleid mountable With LEDs 8 No No 22260005 AB-84-M12-4-C - 4 no No 22260007 AB-88-M12-8-C - 8 no no 22260001 AB-88-M12-8-C - 8 With LEDs 22260010 AB-88-M12-8-C - 8 With LEDs 22260018 AB-86-6-L-M23 - 6 With LEDs 22260019 AB-86-8-M12-8-5,0PUR 5 4 no 22260010 AB-88-M12-8-10,0PUR 10 4 no	22260011	AB-B4-M12-4-10,0PUR	10	4	no	
22260018 AB-B4-M12L-4-5,0PUR 5 4 With LEDs 22260019 AB-B4-M12L-4-10,0PUR 10 4 With LEDs 22260020 AB-B6-M12L-6-5,0PUR 5 6 With LEDs 22260022 AB-B8-M12L-8-10,0PUR 10 8 With LEDs 22260023 AB-B8-M12L-8-10,0PUR 10 8 With LEDs Field mountable With LEDs 8 no 22260007 AB-B8-M12-4-C - 4 no 22260007 AB-B8-M12-8-C - 8 no 22260001 AB-B8-M12-4-C - 4 With LEDs 22260003 AB-B8-M12-4-C - 8 no 22260003 AB-B8-M12-4-C - 8 With LEDs M23 connection With LEDs With LEDs 22260018 AB-B6-6-L-M23 - 6 With LEDs 22260019 AB-B4-M12-8-5,0PUR 5 4 no 22260010 AB-B4-M12-8-10,0PUR 10 8	22260014	AB-B8-M12-8-5,0PUR	5	8	no	
AB-B4-M12L-4-10,0PUR	22260015	AB-B8-M12-8-10,0PUR	10	8	no	
22260970 AB-B6-M12L-6-5,0PUR 5 6 With LEDs 22260022 AB-B8-M12L-8-5,0PUR 5 8 With LEDs 22260023 AB-B8-M12L-8-10,0PUR 10 8 With LEDs Field mountable ***********************************	22260018	AB-B4-M12L-4-5,0PUR	5	4	With LEDs	
AB-B8-M12L-8-5,0PUR	22260019	AB-B4-M12L-4-10,0PUR	10	4	With LEDs	
22260023 AB-B8-M12L-8-10,0PUR 10 8 With LEDs Field mountable 22260005 AB-B4-M12-4-C - 4 no 22260007 AB-B8-M12-8-C - 8 no 22260001 AB-B4-M12L-4-C - 4 With LEDs 22260003 AB-B8-M12L-8-C - 8 With LEDs M23 connection 22260018 AB-B6-6-L-M23 - 6 With LEDs 22260019 AB-B4-M12-8-5,0PUR 5 4 no 22260010 AB-B4-M12-8-10,0PUR 10 4 no 22260011 AB-B8-M12-16-5,0PUR 5 8 no 22260017 AB-B8-M12-16-10,0PUR 10 8 no 22260020 AB-B4-M12-8-5,0PUR 5 4 With LEDs 22260021 AB-B8-M12-16-10,0PUR 10 8 With LEDs 22260022 AB-B8-M12-16-5,0PUR 5 8 With LEDs 22260023 AB-B8-M12-16-10,0PUR 10	22260970	AB-B6-M12L-6-5,0PUR	5	6	With LEDs	
Field mountable 22260005 AB-B4-M12-4-C - 4	22260022	AB-B8-M12L-8-5,0PUR	5	8	With LEDs	
22260005 AB-B4-M124-C - 4 no 22260007 AB-B8-M128-C - 8 no 22260001 AB-B4-M12L4-C - 4 With LEDs 22260003 AB-B6-M12L8-C - 8 With LEDs M23 connection 22260018 AB-B6-6-L-M23 - 6 With LEDs 22260012 AB-B4-M12-8-5,0PUR 5 4 no 22260013 AB-B4-M12-8-10,0PUR 10 4 no 22260016 AB-B8-M12-16-5,0PUR 5 8 no 22260017 AB-B8-M12-16-10,0PUR 10 8 no 22260020 AB-B4-M12L8-5,0PUR 5 4 With LEDs 22260021 AB-B8-M12L1-6-10,0PUR 10 4 With LEDs 22260022 AB-B8-M12L1-16-5,0PUR 5 8 With LEDs 22260025 AB-B8-M12L1-6-10,0PUR 10 4 With LEDs Field mountable B With LEDs 8 No 22260002 AB-B8-M12-16-C - 4 no <t< td=""><td>22260023</td><td>AB-B8-M12L-8-10,0PUR</td><td>10</td><td>8</td><td>With LEDs</td></t<>	22260023	AB-B8-M12L-8-10,0PUR	10	8	With LEDs	
22260007 AB-B8-M12-8-C - 8 no 22260001 AB-B4-M12L-4-C - 4 With LEDs 22260003 AB-B8-M12L-8-C - 8 With LEDs M23 connection 22260018 AB-B6-G-L-M23 - 6 With LEDs ***C2260012 AB-B4-M12-8-5,0PUR 5 4 no 22260013 AB-B4-M12-8-10,0PUR 10 4 no 22260016 AB-B8-M12-16-5,0PUR 5 8 no 22260017 AB-B8-M12-16-10,0PUR 10 8 no 22260020 AB-B4-M12-8-5,0PUR 5 4 With LEDs 22260021 AB-B4-M12-8-10,0PUR 10 4 With LEDs 22260024 AB-B8-M12-16-5,0PUR 5 8 With LEDs 22260025 AB-B8-M12-16-10,0PUR 10 8 With LEDs Field mountable *** *** 4 no 22260002 AB-B4-M12-8-C - 4 no 22260002 AB-B8-M12-16-10,0PUR 10 8 With LEDs	Field mountable					
22260001 AB-B4-M12L-4-C - 4 With LEDs 22260003 AB-B8-M12L-8-C - 8 With LEDs M23 connection 22260618 AB-B6-6-L-M23 - 6 With LEDs ***Connection** **Connection**	22260005	AB-B4-M12-4-C	-	4	no	
22260003 AB-B8-M12L-8-C - 8 With LEDs M23 connection 22260618 AB-B6-6-L-M23 - 6 With LEDs ***********************************	22260007	AB-B8-M12-8-C	-	8	no	
M23 connection 22260618 AB-B6-6L-M23 - 6 With LEDs 22260012 AB-B4-M12-8-5,0PUR 5 4 no 22260013 AB-B4-M12-8-10,0PUR 10 4 no 22260016 AB-B8-M12-16-5,0PUR 5 8 no 22260017 AB-B8-M12-16-10,0PUR 10 8 no 22260020 AB-B4-M12L-8-5,0PUR 5 4 With LEDs 22260021 AB-B4-M12L-8-10,0PUR 10 4 With LEDs 22260024 AB-B8-M12L-16-5,0PUR 5 8 With LEDs 22260025 AB-B8-M12L-16-10,0PUR 10 8 With LEDs Field mountable 22260006 AB-B4-M12-8-C - 4 no 22260002 AB-B8-M12-16-C - 8 no 22260002 AB-B4-M12-8-C - 4 no 22260002 AB-B8-M12-16-C - 4 no 22260002 AB-B4-M12-8-C - 4 no 22260002 AB-B8-M12-16-C - 4	22260001	AB-B4-M12L-4-C	-	4	With LEDs	
22260012 AB-B4-M12-8-5,0PUR 5 4 no 22260013 AB-B4-M12-8-10,0PUR 10 4 no 22260016 AB-B8-M12-16-5,0PUR 5 8 no 22260017 AB-B8-M12-16-10,0PUR 10 8 no 22260020 AB-B4-M12-8-5,0PUR 5 4 With LEDs 22260021 AB-B4-M12L-8-10,0PUR 10 4 With LEDs 22260021 AB-B8-M12L-16-5,0PUR 5 8 With LEDs 22260024 AB-B8-M12L-16-5,0PUR 5 8 With LEDs 22260025 AB-B8-M12L-16-10,0PUR 10 8 With LEDs 22260026 AB-B8-M12L-16-10,0PUR 10 8 With LEDs 22260027 AB-B8-M12L-16-10,0PUR 10 8 With LEDs 22260028 AB-B8-M12L-16-10,0PUR 10 8 No 22260029 AB-B8-M12L-16-10,0PUR 10 8 No 22260006 AB-B4-M12-8-C - 4 No 22260008 AB-B8-M12-16-C - 8 No 22260002 AB-B4-M12L-8-C - 4 With LEDs	22260003	AB-B8-M12L-8-C	-	8	With LEDs	
22260012 AB-B4-M12-8-5,0PUR 5 4 no 22260013 AB-B4-M12-8-10,0PUR 10 4 no 22260016 AB-B8-M12-16-5,0PUR 5 8 no 22260017 AB-B8-M12-16-10,0PUR 10 8 no 22260020 AB-B4-M12L-8-5,0PUR 5 4 With LEDs 22260021 AB-B4-M12L-8-10,0PUR 10 4 With LEDs 22260024 AB-B8-M12L-16-5,0PUR 5 8 With LEDs 2260025 AB-B8-M12L-16-10,0PUR 10 8 With LEDs Field mountable 22260006 AB-B4-M12-8-C - 4 no 22260002 AB-B8-M12-16-C - 4 no 22260002 AB-B8-M12-16-C - 4 With LEDs	M23 connection					
22260013 AB-B4-M12-8-10,0PUR 10 4 no 22260016 AB-B8-M12-16-5,0PUR 5 8 no 22260017 AB-B8-M12-16-10,0PUR 10 8 no 22260020 AB-B4-M12L-8-5,0PUR 5 4 With LEDs 22260021 AB-B4-M12L-8-10,0PUR 10 4 With LEDs 22260024 AB-B8-M12L-16-5,0PUR 5 8 With LEDs 22260025 AB-B8-M12L-16-10,0PUR 10 8 With LEDs Field mountable 22260006 AB-B4-M12-8-C - 4 no 22260008 AB-B8-M12-16-C - 8 no 22260002 AB-B4-M12-8-C - 4 With LEDs	22260618	AB-B6-6-L-M23	-	6	With LEDs	
22260013 AB-B4-M12-8-10,0PUR 10 4 no 22260016 AB-B8-M12-16-5,0PUR 5 8 no 22260017 AB-B8-M12-16-10,0PUR 10 8 no 22260020 AB-B4-M12L-8-5,0PUR 5 4 With LEDs 22260021 AB-B4-M12L-8-10,0PUR 10 4 With LEDs 22260024 AB-B8-M12L-16-5,0PUR 5 8 With LEDs 22260025 AB-B8-M12L-16-10,0PUR 10 8 With LEDs Field mountable 22260006 AB-B4-M12-8-C - 4 no 22260008 AB-B8-M12-16-C - 8 no 22260002 AB-B4-M12-8-C - 4 With LEDs						
22260016 AB-B8-M12-16-5,0PUR 5 8 no 22260017 AB-B8-M12-16-10,0PUR 10 8 no 22260020 AB-B4-M12L-8-5,0PUR 5 4 With LEDs 22260021 AB-B4-M12L-8-10,0PUR 10 4 With LEDs 22260024 AB-B8-M12L-16-5,0PUR 5 8 With LEDs 22260025 AB-B8-M12L-16-10,0PUR 10 8 With LEDs Field mountable 22260006 AB-B4-M12-8-C - 4 no 22260008 AB-B8-M12-16-C - 8 no 22260002 AB-B4-M12L-8-C - 4 With LEDs	22260012	AB-B4-M12-8-5,0PUR	5	4	no	
22260017 AB-B8-M12-16-10,0PUR 10 8 no 22260020 AB-B4-M12L-8-5,0PUR 5 4 With LEDs 22260021 AB-B4-M12L-8-10,0PUR 10 4 With LEDs 22260024 AB-B8-M12L-16-5,0PUR 5 8 With LEDs 22260025 AB-B8-M12L-16-10,0PUR 10 8 With LEDs Field mountable 22260006 AB-B4-M12-8-C - 4 no 22260008 AB-B8-M12-16-C - 8 no 22260002 AB-B4-M12L-8-C - 4 With LEDs	22260013	AB-B4-M12-8-10,0PUR	10	4	no	
22260020 AB-B4-M12L-8-5,0PUR 5 4 With LEDs 22260021 AB-B4-M12L-8-10,0PUR 10 4 With LEDs 22260024 AB-B8-M12L-16-5,0PUR 5 8 With LEDs 22260025 AB-B8-M12L-16-10,0PUR 10 8 With LEDs Field mountable 22260006 AB-B4-M12-8-C - 4 no 22260008 AB-B8-M12-16-C - 8 no 22260002 AB-B4-M12L-8-C - 4 With LEDs	22260016	AB-B8-M12-16-5,0PUR	5	8	no	
22260021 AB-B4-M12L-8-10,0PUR 10 4 With LEDs 22260024 AB-B8-M12L-16-5,0PUR 5 8 With LEDs 22260025 AB-B8-M12L-16-10,0PUR 10 8 With LEDs Field mountable 22260006 AB-B4-M12-8-C - 4 no 22260008 AB-B8-M12-16-C - 8 no 22260002 AB-B4-M12L-8-C - 4 With LEDs	22260017	AB-B8-M12-16-10,0PUR	10	8	no	
22260024 AB-B8-M12L-16-5,0PUR 5 8 With LEDs 22260025 AB-B8-M12L-16-10,0PUR 10 8 With LEDs Field mountable 22260006 AB-B4-M12-8-C - 4 no 22260008 AB-B8-M12-16-C - 8 no 22260002 AB-B4-M12L-8-C - 4 With LEDs	22260020	AB-B4-M12L-8-5,0PUR	5	4	With LEDs	
22260025 AB-B8-M12L-16-10,0PUR 10 8 With LEDs Field mountable 22260006 AB-B4-M12-8-C - 4 no 22260008 AB-B8-M12-16-C - 8 no 22260002 AB-B4-M12L-8-C - 4 With LEDs	22260021	AB-B4-M12L-8-10,0PUR	10	4	With LEDs	
Field mountable 22260006 AB-B4-M12-8-C - 4 no 22260008 AB-B8-M12-16-C - 8 no 22260002 AB-B4-M12L-8-C - 4 With LEDs	22260024	AB-B8-M12L-16-5,0PUR	5	8	With LEDs	
22260006 AB-B4-M12-8-C - 4 no 22260008 AB-B8-M12-16-C - 8 no 22260002 AB-B4-M12L-8-C - 4 With LEDs	22260025	AB-B8-M12L-16-10,0PUR	10	8	With LEDs	
22260008 AB-B8-M12-16-C - 8 no 22260002 AB-B4-M12L-8-C - 4 With LEDs	Field mountable					
22260002 AB-B4-M12L-8-C - 4 With LEDs	22260006	AB-B4-M12-8-C	-	4	no	
	22260008	AB-B8-M12-16-C	-	8	no	
22260004 AB-B8-M12L-16-C - 8 With LEDs	22260002	AB-B4-M12L-8-C	-	4	With LEDs	
	22260004	AB-B8-M12L-16-C	-	8	With LEDs	